



STATEMENT OF ENERGY PERFORMANCE

Piner elem

Building ID: 1230911

For 12-month Period Ending: February 28, 2009¹

Date SEP becomes ineligible: June 28, 2009

Date SEP Generated: April 30, 2009

Facility

Piner elem
2845 Rich Road
Morningview, KY 41063

Facility Owner

Kenton County School District
1055 Eaton Dr.
Ft. Wright, KY 41017
859-344-8888

Primary Contact for this Facility

Chris Baker
1055 Eaton Dr.
Ft. Wright, KY 41017
859-344-8888
chris.baker@kenton.kyschools.us

Year Built: 1962

Gross Floor Area (ft²): 45,380Energy Performance Rating² (1-100) 79**Site Energy Use Summary³**

Propane (kBtu)	1,173,454
Electricity (kBtu)	1,824,006
Natural Gas (kBtu) ⁴	0
Total Energy (kBtu)	2,997,460

Energy Intensity⁵

Site (kBtu/ft ² /yr)	66
Source (kBtu/ft ² /yr)	160

Emissions (based on site energy use)

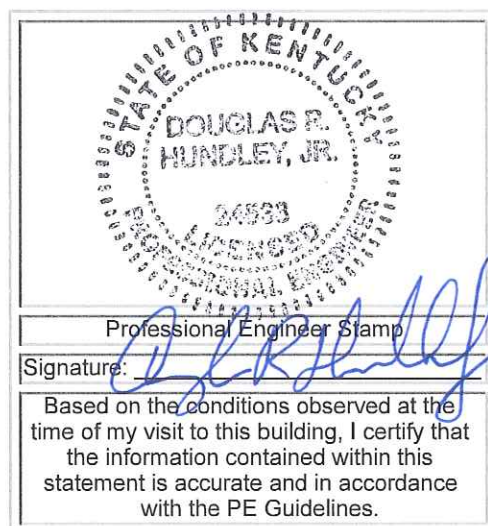
Greenhouse Gas Emissions (MtCO ₂ e/year)	456
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Electric Distribution Utility

ULH&P - Union Light Heat & Power Co

National Average Comparison

National Average Site EUI	88
National Average Source EUI	214
% Difference from National Average Source EUI	-25%
Building Type	K-12
	School

**Meets Industry Standards⁶ for Indoor Environmental Conditions:**

Ventilation for Acceptable Indoor Air Quality	Yes
Acceptable Thermal Environmental Conditions	Yes
Adequate Illumination	Yes

Professional Engineer

License Number: 24533
State: KY
Doug Hundley
10101 Linn Station Road
Louisville, KY 41017
502-326-3085

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
5. Values represent energy intensity, annualized to a 12-month period.
6. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

ENERGY STAR® Data Checklist for Commercial Buildings

In order for a building to qualify for the ENERGY STAR, a Professional Engineer (PE) must validate the accuracy of the data underlying the building's energy performance rating. This checklist is designed to provide an at-a-glance summary of a property's physical and operating characteristics, as well as its total energy consumption, to assist the PE in double-checking the information that the building owner or operator has entered into Portfolio Manager.

Please complete and sign this checklist and include it with the stamped, signed Statement of Energy Performance.

NOTE: You must check each box to indicate that each value is correct, OR include a note.

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Building Name	Piner elem	Is this the official building name to be displayed in the ENERGY STAR Registry of Labeled Buildings?		<input checked="" type="checkbox"/>
Type	K-12 School	Is this an accurate description of the space in question?		<input checked="" type="checkbox"/>
Location	2845 Rich Road, Morningview, KY 41063	Is this address accurate and complete? Correct weather normalization requires an accurate zip code.		<input checked="" type="checkbox"/>
Single Structure	Single Facility	Does this SEP represent a single structure? SEPs cannot be submitted for multiple-building campuses (with the exception of acute care or children's hospitals) nor can they be submitted as representing only a portion of a building		<input checked="" type="checkbox"/>
School (K-12 School)				
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Gross Floor Area	45,380 Sq. Ft.	Does this square footage include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, atria, vent shafts, etc. Also note that existing atriums should only include the base floor area that it occupies. Interstitial (plenum) space between floors should not be included in the total. Finally gross floor area is not the same as leasable space. Leasable space is a subset of gross floor area.		<input checked="" type="checkbox"/>
Open Weekends?	Yes	Is this building normally open at all on the weekends? This includes activities beyond the work conducted by maintenance, cleaning, and security personnel. Weekend activity could include any time when the space is used for classes, performances or other school or community activities. If the building is open on the weekend as part of the standard schedule during one or more seasons, the building should select ?yes? for open weekends. The ?yes? response should apply whether the building is open for one or both of the weekend days.		<input checked="" type="checkbox"/>
Number of PCs	146	Is this the number of personal computers in the K12 School?		<input checked="" type="checkbox"/>
Number of walk-in refrigeration/freezer units	2	Is this the total number of commercial walk-in type freezers and coolers? These units are typically found in storage and receiving areas.		<input checked="" type="checkbox"/>
Presence of cooking facilities	Yes	Does this school have a dedicated space in which food is prepared and served to students? If the school has space in which food for students is only kept warm and/or served to students, or has only a galley that is used by teachers and staff then the answer is "no".		<input checked="" type="checkbox"/>
Percent Cooled	90 %	Is this the percentage of the total floor space within the facility that is served by mechanical cooling equipment?		<input checked="" type="checkbox"/>
Percent Heated	100 %	Is this the percentage of the total floor space within the facility that is served by mechanical heating equipment?		<input checked="" type="checkbox"/>

Months	12 (Optional)	Is this school in operation for at least 8 months of the year?		<input checked="" type="checkbox"/>
High School?	No	Is this building a high school (teaching grades 10, 11, and/or 12)? If the building teaches to high school students at all, the user should check 'yes' to 'high school'. For example, if the school teaches to grades K-12 (elementary/middle and high school), the user should check 'yes' to 'high school'.		<input checked="" type="checkbox"/>
Parking (Parking)				
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Gross Floor Area	20,200 Sq. Ft.	Is this the total square footage of the entire parking area (enclosed + nonenclosed + open floor area)?		<input checked="" type="checkbox"/>
Enclosed Floor Area	0 Sq. Ft.	Is this the total square footage of the enclosed garage space? An enclosed garage is defined as having both sides and a roof.		<input checked="" type="checkbox"/>
Non-Enclosed Floor Area (w/roof)	0 Sq. Ft.	Is this the total square footage of the nonenclosed garage space? This is typically defined as the portion of the garage above ground (contains no sides but is under a roof).		<input checked="" type="checkbox"/>
Open Floor Area (w/o roof)	20,200 Sq. Ft.	Is this the total square footage of the nonenclosed parking area without a roof? This is typically defined as open parking lots or the very top level of an above ground parking garage.		<input checked="" type="checkbox"/>
Weekly Hours of Access	168 Hours	Is this the total number of hours per week when it is possible for a vehicle to enter or exit?		<input checked="" type="checkbox"/>

ENERGY STAR® Data Checklist for Commercial Buildings

Energy Consumption

Power Generation Plant or Distribution Utility: ULH&P - Union Light Heat & Power Co

Fuel Type: Electricity		
Meter: Electric (kWh) Space(s): Entire Facility		
Start Date	End Date	Energy Use (kWh)
01/23/2009	02/23/2009	42,277.00
12/22/2008	01/23/2009	41,494.00
11/19/2008	12/22/2008	43,632.00
10/20/2008	11/19/2008	41,625.00
09/19/2008	10/20/2008	47,018.00
08/20/2008	09/19/2008	54,421.00
07/22/2008	08/20/2008	44,387.00
06/20/2008	07/22/2008	44,399.00
05/21/2008	06/20/2008	43,834.00
04/22/2008	05/21/2008	45,735.00
03/24/2008	04/22/2008	40,654.00
Electric Consumption (kWh)		489,476.00
Electric Consumption (kBtu)		1,670,092.11
Total Electricity Consumption (kBtu)		1,670,092.11
Is this the total Electricity consumption at this building including all Electricity meters?		<input checked="" type="checkbox"/>

Fuel Type: Propane		
Meter: Propane (Gallons) Space(s): Entire Facility		
Start Date	End Date	Energy Use (Gallons)
01/28/2009	02/19/2009	1,897.00
01/18/2009	01/28/2009	1,597.00
01/09/2009	01/17/2009	1,777.00
12/11/2008	01/08/2009	2,007.00
11/11/2008	12/10/2008	1,700.00
10/23/2008	11/10/2008	2,730.00
09/24/2008	10/22/2008	0.00
08/24/2008	09/23/2008	0.00
07/24/2008	08/23/2008	0.00
06/24/2008	07/23/2008	0.00

05/24/2008	06/23/2008	0.00
04/24/2008	05/23/2008	0.00
03/24/2008	04/23/2008	0.00
Propane Consumption (Gallons)		11,708.00
Propane Consumption (kBtu)		1,053,783.22
Total Propane Consumption (kBtu)		1,053,783.22
Is this the total Propane consumption at this building including all Propane meters?		<input checked="" type="checkbox"/>

Additional Fuels	
Do the fuel consumption totals shown above represent the total energy use of this building? Please confirm there are no additional fuels (district energy, generator fuel oil) used in this facility.	<input checked="" type="checkbox"/>

Certifying Professional

(When applying for the ENERGY STAR, this must be the same PE that signed and stamped the SEP.)

Name: Douglas Hundley, Jr. Date: 5/1/09

Signature: *Douglas R. Hundley*
Signature is required when applying for the ENERGY STAR.